



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: ) Group Art Unit: 2141  
)  
Yu-Jung CHENG ) Examiner: J. Shaw  
)  
Serial Number: 09/729,105 ) Attorney Docket: CHEN3165beu  
)  
Filed: December 5, 2000 ) Confirmation No.: 6408

For: **Method Of Rapidly Determining The Transmission Time And Range Of A Position  
Message Under Internet Virtual Reality Environment**

AMENDMENT AND RESPONSE

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JUN 30 2004

Technology Center 2100

Honorable Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

This paper is in response to the Official Action dated March 26, 2003.

Amendments to the claims begin on page 2.

Amendments to the specification begin on page 5.

Amendments to the abstract are presented on page 7.

Amendments to the drawings are set forth on page 8, and in the attached new sheet of drawings (Fig. 3).

Remarks/Arguments begin on page 9.

Attached are a PTO-1449 form and two background references ("*Networking Technology And DIS*" and "*An Auto-Adaptive Dead Reckoning Algorithm For Distributed Interactive Simulation*") requested by the Examiner in items 2-5 on pages 2-3 of the Official Action.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: YU-JUNG CHENG

SERIAL NO.: 09/729,105

GROUP ART UNIT: 2141

FILED: December 5, 2000

EXAMINER: J. Shaw

FOR: METHOD OF RAPIDLY DETERMINING THE  
TRANSMISSION TIME AND RANGE OF A  
POSITION MESSAGE UNDER INTERNET  
VIRTUAL REALITY ENVIRONMENT

ATTY. REFERENCE: CHEN3165/BEU



COMMISSIONER OF PATENTS

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Alexandria, VA 22313-1450

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Sir:

Transmitted herewith is a communication/amendment in the above-identified application.

- ☐ Small entity status under 37 CFR 1.9 and 1.27 is claimed.
- ☒ No additional fee is required.

The fee, if any, has been calculated as shown below:

Fee Basis	Number of Claims After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity	Full Fee
Total Claims		- <sup>1</sup>	= <sup>3</sup>	× \$ 9 =	× \$ 18 =
Independent Claims		- <sup>2</sup>	= <sup>3</sup>	× \$ 43 =	× \$ 86 =
<input type="checkbox"/> First Presentation of Proper Multiple Dependent Claim				+ \$145 =	+ \$290 =
TOTAL					

<sup>1</sup> If less than 20 enter 20.<sup>2</sup> If less than 3 enter 3.<sup>3</sup> If less than 0 enter 0.

- ☐ Please charge my Deposit Account Number 02-0200 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$ \_\_\_\_\_ is attached.
- ☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees due under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to Deposit Account Number 02-0200. A duplicate copy of this sheet is attached.
- ☒ Also enclosed is/are: PTO-1449 w/background references (2);  
New Drawing Sheet (Fig 3)

23364

Customer Number  
Phone: (703) 683-0500

DATE: June 28, 2004

Respectfully submitted,

Benjamin E. Urcia  
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